



IPTC Standard

Photo Metadata

(October 2016)

IPTC Core
Specification Version 1.2

IPTC Extension
Specification Version 1.3

Copyright

Acknowledgments

About the Standard

IPTC Core Specification Version History

IPTC Extension Specification Version History

About this Document

-
-
-

Status of this Document

Introduction to IPTC Photo Metadata

Overview

IPTC Photo Metadata (October 2016)

- IPTC Core 1.2
- IPTC Extension 1.3

-
-

Technical Metadata

History

- - -

Photo Metadata specification notation

The specification template

-
-
-

Generic Specification	A generic specification of the property which is agnostic to any implementation technology. descr admin rights rel type		
Name			
XMP implementation	The implementation specification in the context of the Adobe XMP technology		
XMP namespace			
XMP property id			
XMP Value Type		XMP Category	
NewsML-G2 implementation	The technical implementation recommendation for IPTC's NewsML-G2-Standard		

Generic Specification Notes

The terms Metadata Property and Metadata Structure

(legacy) appended to a property name

(DEPRECATED) appended to a property name

Saving metadata values to files

IPTC Core schema 1.2 specifications

Names and Identifiers

XML namespace URI
<http://iptc.org/std/Iptc4xmpCore/1.0/xmlns/>

preferred XML namespace-prefix

Iptc4xmpCore

other namespaces

User interfaces

Metadata Properties

Generic Specification			
Name	City (legacy)		
XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation	_____		

Generic Specification			
Name	Country (legacy)		

XMP implementation	
XMP namespace	XMP property id

NewsML-G2 implementation	

Generic Specification	
Name	Country Code (legacy)

XMP implementation	
XMP namespace	XMP property id

NewsML-G2 implementation	

Generic Specification	
Name	Description

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation	_____		

Generic Specification			
Name	Headline		
XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation	_____		

Generic Specification			
Name	Intellectual Genre		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Province or State (legacy)		
XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation	_____		

Generic Specification			
Name	Scene Code		
XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification			
Name	Subject Code		
XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification	
Name	Sublocation (legacy)

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification			
Name	Date Created		
XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification			
Name	Description Writer		

XMP implementation	
XMP namespace	XMP property id
NewsML-G2 implementation	

Generic Specification	
Name	Instructions
XMP implementation	
XMP namespace	XMP property id
NewsML-G2 implementation	

Generic Specification	
Name	Job Id
XMP implementation	
XMP namespace	XMP property id

NewsML-G2 implementation	_____

Generic Specification	
Name	Title

XMP implementation	
XMP namespace	XMP property id

NewsML-G2 implementation	_____
Property name	

Generic Specification	
Name	Copyright Notice

XMP implementation	
XMP namespace	XMP property id

Generic Specification			
Name	Creator		

XMP implementation			
XMP namespace		XMP property id	

NewsML-G2 implementation	NewsML-G2 implementation

Generic Specification			
Name	Creator's Contact Info		

XMP implementation			
XMP namespace		XMP property id	

NewsML-G2 implementation	
--------------------------	--

Generic Specification	
Name	Creator's jobtitle
XMP implementation	
XMP namespace	XMP property id
NewsML-G2 implementation	

Generic Specification			
Name	Credit Line		
XMP implementation			
XMP namespace	XMP property id		
NewsML-G2 implementation			

Generic Specification	
Name	Rights Usage Terms

Metadata Structure: Contact Information Details

Copyright 2016 International Press Telecommunications Council. All Rights Reserved

NewsML-G2 implementation	_____

Generic Specification	
Name	Address {contact info detail}

XMP implementation	
XMP namespace	XMP property id

NewsML-G2 implementation	_____

Generic Specification	
Name	City {contact info detail}

XMP implementation	
XMP namespace	XMP property id

NewsML-G2 implementation	_____

Generic Specification	
Name	Country {contact info detail}

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation	_____		

Generic Specification			
Name	Email address(es) {contact info detail}		

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification			
Name	Phone number(s) {contact info detail}		

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation	_____		

Generic Specification			
Name	Postal Code {contact info detail}		
XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation	_____		

Generic Specification			
Name	State/Province {contact info detail}		
XMP implementation			
XMP namespace	XMP property id		
NewsML-G2 implementation			

Generic Specification			
Name	Web URL(s) {contact info detail}		
XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

“Deprecated” IIM metadata elements

Urgency

Category

Supplemental Categories

[illegible]

Guideline for mapping Category Codes to Subject NewsCodes

Category Code	Subject NewsCode	Name and definition of the code
		arts, culture and entertainment
		crime, law and justice
		disaster and accident
		economy, business and finance
		education
		environmental issue
		health
		human interest
		labour
		lifestyle and leisure
		politics
		religion and belief
		science and technology
		social issue
		sport

		unrest, conflicts and war
		weather

IPTC Extension schema 1.3 specifications

Names and Identifiers

XML namespace URI
<http://iptc.org/std/Iptc4xmpExt/2008-02-29/>

preferred XML namespace-prefix

Iptc4xmpExt

User interfaces

other namespace

Other namespace		

Metadata Properties

Generic Specification						
Name	Additional Model Information					
XMP implementation						
XMP namespace		XMP property id				
NewsML-G2 implementation						

Generic Specification			
Name	Artwork or Object in the Image		
XMP implementation			
XMP namespace		XMP property id	

NewsML-G2 implementation	_____

Generic Specification	
Name	Code of Organisation Featured in the Image

XMP implementation	
XMP namespace	XMP property id

NewsML-G2 implementation	_____

Generic Specification	
Name	CV-Term About Image

XMP implementation	
XMP namespace	XMP property id

NewsML-G2 implementation	_____

Generic Specification	
Name	Controlled Vocabulary Term (DEPRECATED – use CV-Term About Image)

XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Genre		

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification			
Name	Location Shown in the Image		

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification			
Name	Model Age		
XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation	_____		

Generic Specification			
Name	Name of Organisation Featured in the Image		
XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification			
Name	Person Shown in the Image		
XMP implementation			
XMP namespace		XMP property id	

NewsML-G2 implementation	_____

Generic Specification			
Name	Person Shown in the Image with Details		

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation	_____		

Generic Specification			
Name	Product Shown in the image		

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation	_____		

Generic Specification			
Name	Digital Image GUID		

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation	_____		

Generic Specification			
Name	Digital Source File Type (DEPRECATED – use Digital Source Type)		

XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Digital Source Type		

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification			
Name	Event		

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification			
Name	Image Registry Entry		

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification	
Name	Image Supplier

XMP implementation	
XMP namespace	XMP property id _____
NewsML-G2 implementation	_____

[illegible]

Generic Specification			
Name	IPTC Metadata Last Edited (Legacy)		
XMP implementation			
XMP namespace		XMP property id	

NewsML-G2 implementation			

Generic Specification			
Name	Location Created		
XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification			
Name	Max Avail Height		
XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification			
Name	Max Avail Width		

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation			

Generic Specification			
Name	PLUS Version		
XMP implementation			
XMP namespace		XMP property id	_____
NewsML-G2 implementation			

Generic Specification			
Name	Copyright Owner		
XMP implementation			
XMP namespace		XMP property id	<u> </u>

NewsML-G2 implementation	_____		
Generic Specification			
Name	Embedded Encoded Rights Expression		

XMP implementation			
XMP namespace		XMP property id	
NewsML-G2 implementation	_____		

Generic Specification	
Name	Linked Encoded Rights Expression
XMP implementation	
XMP namespace	XMP property id
NewsML-G2 implementation	

Generic Specification	
Name	Image Creator
XMP implementation	
XMP namespace	XMP property id
NewsML-G2 implementation	

Generic Specification	
Name	Licensor

XMP implementation	
XMP namespace	XMP property id _____
NewsML-G2 implementation	_____

Generic Specification	
Name	Minor Model Age Disclosure

XMP implementation	
XMP namespace	XMP property id _____
NewsML-G2 implementation	_____

Generic Specification	
Name	Model Release ID

XMP implementation	
XMP namespace	XMP property id _____
NewsML-G2 implementation	_____

Generic Specification	
Name	Model Release Status

XMP implementation	
XMP namespace	XMP property id _____
NewsML-G2 implementation _____	

Generic Specification	
Name	Property Release ID

XMP implementation	
XMP namespace	XMP property id _____
NewsML-G2 implementation _____	

Generic Specification	
Name	Property Release Status

XMP implementation	
XMP namespace	XMP property id _____
NewsML-G2 implementation _____	

--	--

Metadata Structure: Artwork or Object in the Image Details

Generic Specification						
Name	Artwork or Object in the Image Details structure {data type}					
NewsML-G2 implementation	_____					

Generic Specification			
Name	Copyright Notice {Artwork or Object detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Current Copyright Owner Name {Artwork or Object detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Style Period {Artwork or Object detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Source {Artwork or Object detail}		

XMP implementation	
XMP namespace	XMP property id

Generic Specification	
Name	Source Inventory Number {Artwork or Object detail}

XMP implementation	
XMP namespace	XMP property id

Generic Specification	
Name	Source Inventory URL {Artwork or Object detail}

XMP implementation	
XMP namespace	XMP property id

Generic Specification	
Name	Content Description {Artwork or Object detail}

XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Contribution Description {Artwork or Object detail}		

XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Physical Description {Artwork or Object detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Title {Artwork or Object detail}		
XMP implementation			
XMP namespace		XMP property id	

Metadata Structure: CV-Term Details

Generic Specification			
Name	CV-Term details structure {data type}		
NewsML-G2 implementation	_____		

Generic Specification			
Name	CV-Term ID {CV-Term detail}		

Generic Specification			
Name	CV-Term name {CV-Term detail}		

XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	CV-Term CV ID {CV-Term detail}		

XMP implementation			
XMP namespace		XMP property id	

Generic Specification	
Name	Refined 'about' relationship of the CV-Term {CV-Term detail}

[illegible]

Generic Specification			
Name	Encoding type {EERE detail}		

XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Rights Expression Language ID {EERE detail}		

XMP implementation			
XMP namespace		XMP property id	

Metadata Structure: Linked Rights Expression Details

Generic Specification			
Name	Linked Encoded Rights Expression (LERE) details structure {data type}		
NewsML-G2 implementation	_____		

Generic Specification			
Name	Link to Encoded Rights Expression {LERE detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Encoding type {LERE detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Rights Expression Language ID {LERE detail}		
XMP implementation			
XMP namespace		XMP property id	

Metadata Structure: Location Details

Generic Specification			
Name	Location Details structure {data type}		
NewsML-G2 implementation	_____		

Generic Specification			
Name	City {location detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Country ISO-Code {location detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Sublocation {location detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	World Region {location detail}		
XMP implementation			
XMP namespace		XMP property id	

Metadata Structure: Person Details

Generic Specification			
Name	Person details structure {data type}		
NewsML-G2 implementation	<u></u>		

Generic Specification			
Name	Product details structure {data type}		
NewsML-G2 implementation	NewsML-G2 implementation		

Generic Specification			
Name	Name {Product detail}		

XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	GTIN {Product detail}		

XMP implementation	
XMP namespace	XMP property id

Generic Specification	
Name	Description {Product detail}

XMP implementation	
XMP namespace	XMP property id

Metadata Structure: Registry Entry Details

Generic Specification			
Name	Registry Entry Details structure {data type}		
NewsML-G2 implementation			

Generic Specification			
Name	Item Id {registry entry detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Organisation Id {registry entry detail}		
XMP implementation			
XMP namespace		XMP property id	

References

[illegible]

- •
- 0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

0
0
0
0

•
•
•

0
0
0

•
•
•

0
0
0

•
•
•

0
0

•
•
•
•
•

0
0
0

•

0
0
0
0
0
0
0
0
0
0

•

0
0
0
0
0
0
0
0
0

•
•
•
•
•
•
•
•
•
•

- - 0
 - 0
 - 0
 -
 -
 -
 - 0
-
-
-
-

Appendix 2:

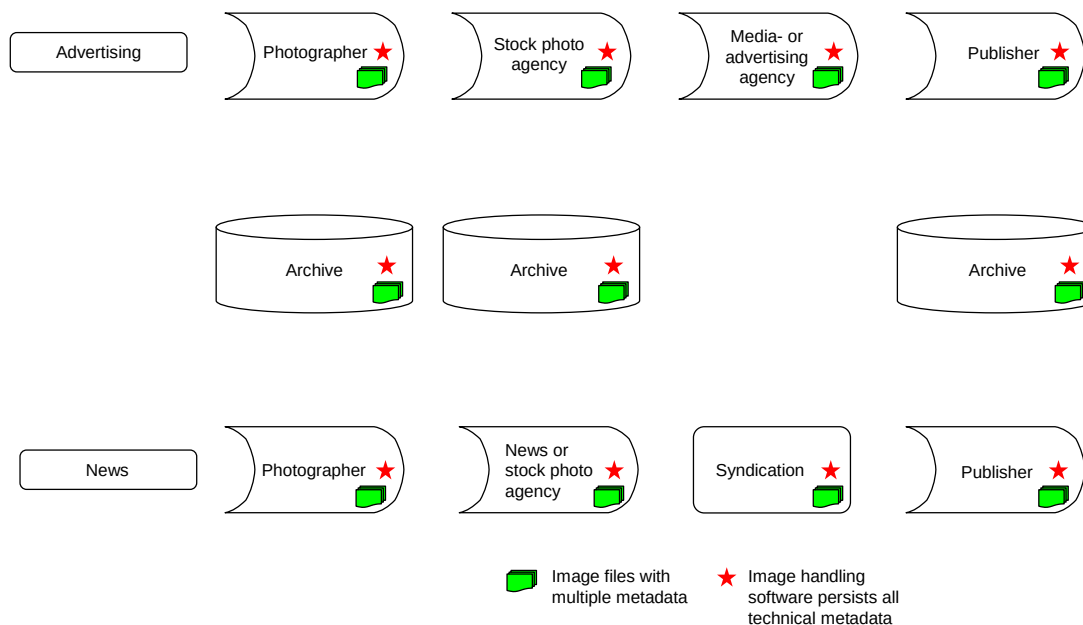
Persistent Technical Photo Metadata – a recommendation

Objectives for Technical Photo Metadata

-
-
-
-

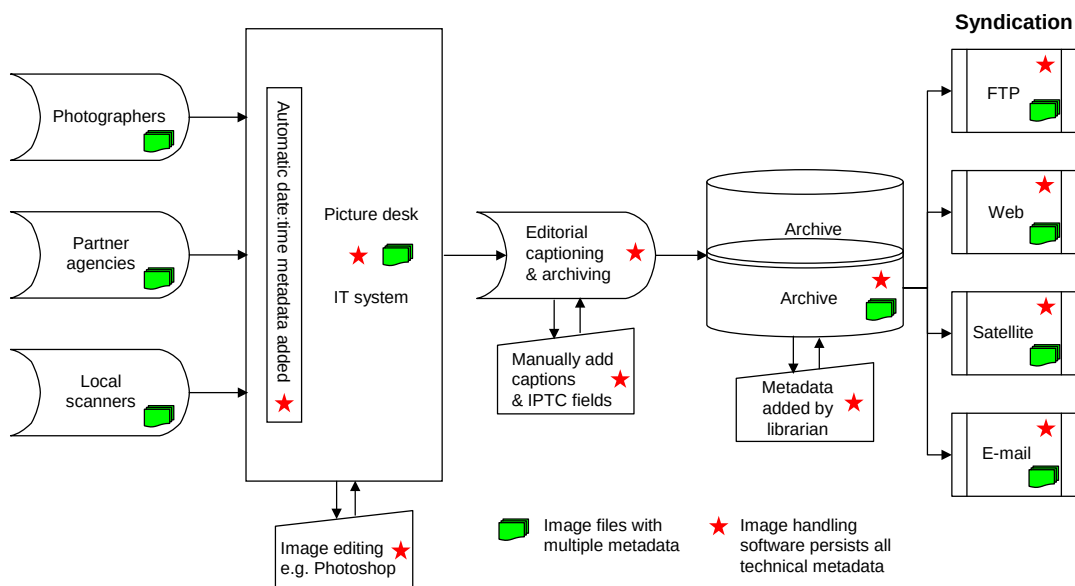
Photo Workflows

Generalised Photo Value Chain



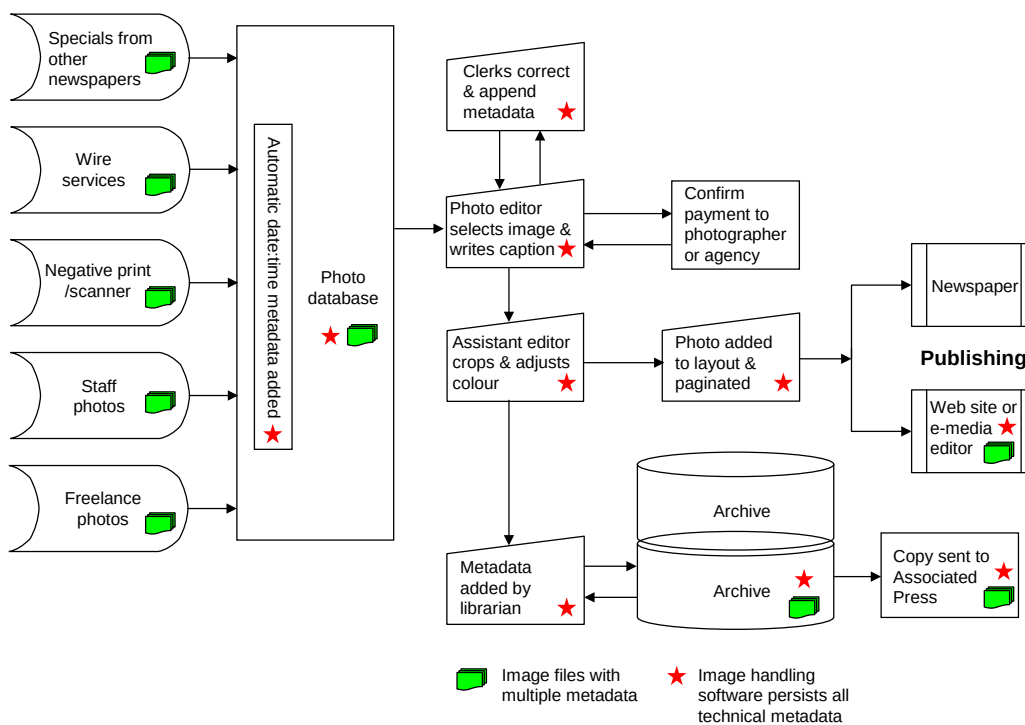
News Agency Workflow

(example from dpa, Deutsche Presse-Agentur)



U.S. Newspaper's Workflow

(a typical example)



Recommendations

i ,
